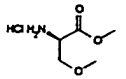
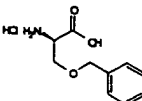
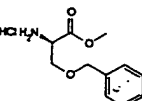
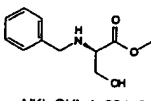
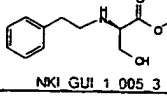
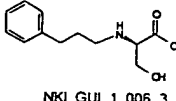
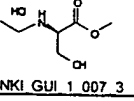
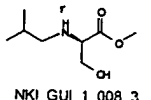
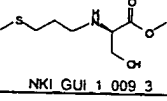
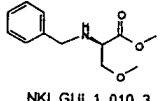
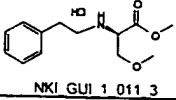
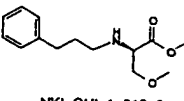
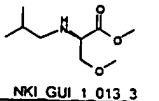
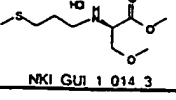
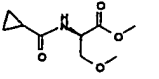
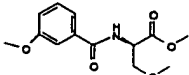
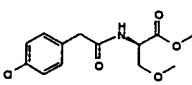
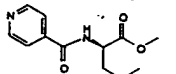
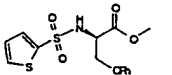
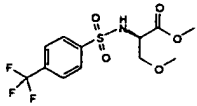
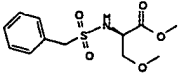
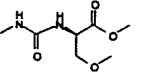
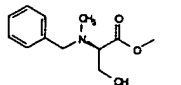
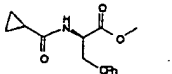
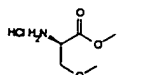
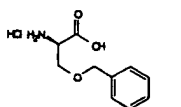
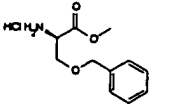
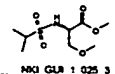
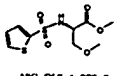
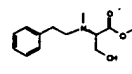
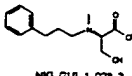
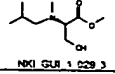
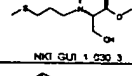
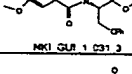
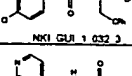
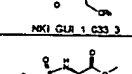
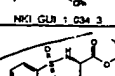
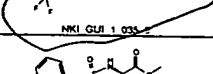
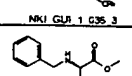
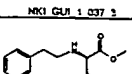
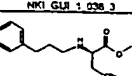
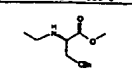
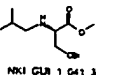
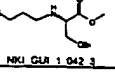
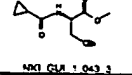



# APPENDIX TO AMENDMENT

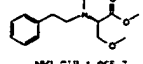
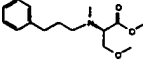
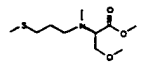
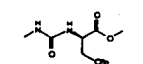
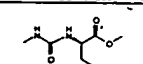
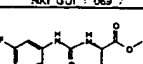
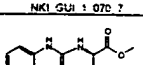
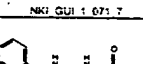
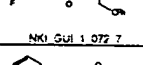
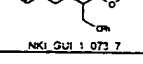
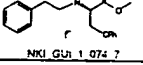
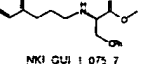
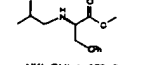
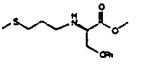
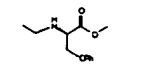
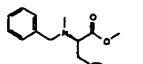
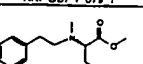
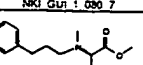
CHEMISTRY	Location	Formula	Smiles	W (g/mol)	[M+H]	HPLC purity (%)	Mass	units
 NKI GUI 1 001 3	plate 1-A1	C <sub>9</sub> H <sub>11</sub> NO <sub>3</sub> HCl	<chem>[C@H](COC(=O)N(Cc1ccccc1)C(=O)OC.Cl</chem>	169.61	133	>99	3	mg
 NKI GUI 1 002 3	plate 1-A2	HCl C <sub>10</sub> H <sub>13</sub> NO <sub>3</sub>	<chem>Cl[C@H](COCc1ccccc1)N(C(=O)O</chem>	231.68	196	>99	3	mg
 NKI GUI 1 003 3	plate 1-A3	HCl C <sub>11</sub> H <sub>15</sub> NO <sub>3</sub>	<chem>Cl[C@H](COCc1ccccc1)N(C(=O)OC</chem>	245.70	210	>99	3	mg
 NKI GUI 1 004 3	plate 1-A4	C <sub>11</sub> H <sub>15</sub> NO <sub>3</sub>	<chem>[C@@H](CO)C(=O)OC)NCc1ccccc1</chem>	209.24	210	98	3	mg
 NKI GUI 1 005 3	plate 1-A5	C <sub>12</sub> H <sub>17</sub> NO <sub>3</sub>	<chem>[C@H](CO)NCCCc1ccccc1)C(=O)OC</chem>	223.27	224	>99	3	mg
 NKI GUI 1 006 3	plate 1-A6	C <sub>13</sub> H <sub>19</sub> NO <sub>3</sub>	<chem>[C@H](CO)NCCCc1ccccc1)C(=O)OC</chem>	237.30	238	>99	3	mg
 NKI GUI 1 007 3	plate 1-B1	C <sub>6</sub> H <sub>13</sub> NO <sub>3</sub> HCl	<chem>[C@H](CO)NCC)C(=O)OC.Cl</chem>	183.63	148	98	3	mg
 NKI GUI 1 008 3	plate 1-B2	C <sub>8</sub> H <sub>17</sub> NO <sub>3</sub>	<chem>[C@H](CO)NCC(C)C(=O)OC</chem>	175.23	176	92	3	mg
 NKI GUI 1 009 3	plate 1-B3	C <sub>8</sub> H <sub>17</sub> NO <sub>3</sub> S	<chem>[C@H](CO)NCCCSC)C(=O)OC</chem>	207.29	208	90	3	mg
 NKI GUI 1 010 3	plate 1-B4	C <sub>12</sub> H <sub>17</sub> NO <sub>3</sub>	<chem>[C@H](COC)NCCc1ccccc1)C(=O)OC</chem>	223.27	224	>99	3	mg
 NKI GUI 1 011 3	plate 1-B5	C <sub>13</sub> H <sub>19</sub> NO <sub>3</sub> HCl	<chem>[C@H](COC)NCCCc1ccccc1)C(=O)OC.Cl</chem>	273.63	238	98	3	mg
 NKI GUI 1 012 3	plate 1-B6	C <sub>14</sub> H <sub>21</sub> NO <sub>3</sub>	<chem>[C@H](COC)NCCCc1ccccc1)C(=O)OC</chem>	251.33	252	>99	3	mg
 NKI GUI 1 013 3	plate 1-C1	C <sub>9</sub> H <sub>19</sub> NO <sub>3</sub>	<chem>[C@H](COC)NCC(C)C(=O)OC</chem>	189.25	190	>99	3	mg
 NKI GUI 1 014 3	plate 1-C2	C <sub>9</sub> H <sub>19</sub> NO <sub>3</sub> S HCl	<chem>[C@H](COC)NCCCSC)C(=O)OC.Cl</chem>	257.78	222	>99	3	mg

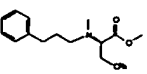
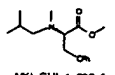
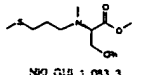
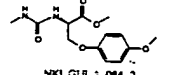
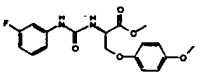
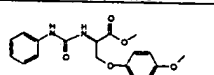
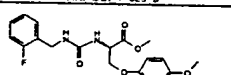

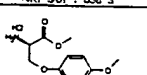
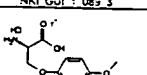
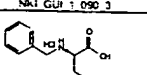
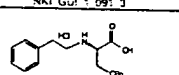
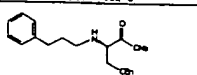
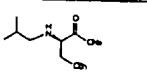
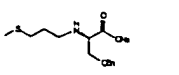
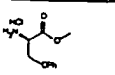
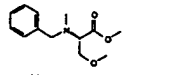
	NKI GUI 1 015 3	plate 1-C3	C9H15NO4	<chem>[C@@H](COC)C(=O)OCNC(C1CC1)=O</chem>	201.22	202	>99	3	mg
	NKI GUI 1 016 3	plate 1-C4	C13H17NO5	<chem>[C@@H](COC)C(=O)OCNC(c1ccc(OC)c1)OC=O</chem>	267.28	268	90	3	mg
	NKI GUI 1 017 3	plate 1-C5	C13H16ClNO4	<chem>[C@@H](COC)C(=O)OCNC(Cc1ccc(Cl)c1)OC=O</chem>	285.73	286	98	3	mg
	NKI GUI 1 018 3	plate 1-C6	C11H14N2O4	<chem>[C@@H](COC)C(=O)OCNC(c1ccncc1)OC=O</chem>	238.24	239	>99	3	mg
	NKI GUI 1 019 3	plate 1-D1	C14H15NO5S2	<chem>[C@@H](COCc1ccccc1)C(=O)OCNS(c1ccsc1)OC=O</chem>	341.40	340*	>99	3	mg
	NKI GUI 1 020 3	plate 1-D2	C12H14F3NO5S	<chem>[C@@H](COC)C(=O)OCNS(c1ccc(C(F)(F)F)cc1)OC=O</chem>	341.30	340*	98	3	mg
	NKI GUI 1 021 3	plate 1-D3	C12H17NO5S	<chem>[C@@H](COC)C(=O)OCNS(Cc1ccccc1)OC=O</chem>	287.33	288	>99	3	mg
	NKI GUI 1 022 3	plate 1-D4	C7H14N2O4	<chem>[C@@H](COC)C(=O)OCNC(=O)NC</chem>	190.20	191	99	3	mg
	NKI GUI 1 023 3	plate 1-D5	C12H17NO3	<chem>[C@@H](CO)C(=O)OCNC(Cc1ccccc1)C</chem>	223.27	224	95	3	mg
	NKI GUI 1 024 3	plate 1-D6	C14H17NO4	<chem>[C@@H](COc1ccccc1)C(=O)OCNC(C1CC1)=O</chem>	263.29	264	99	3	mg
* MS of Well A19 and A20 on plate 1 were run by negative mode.									
	NKI GUI 1 001 7	plate 2-A1	C5H11NO3 HCl	<chem>[C@H](COC)N(C(=O)OC)Cl</chem>	169.61	133	>99	7	mg
	NKI GUI 1 002 7	plate 2-A2	HCl C10H13NO3	<chem>Cl[C@H](COCc1ccccc1)N(C(=O)O)</chem>	231.68	196	>99	7	mg
	NKI GUI 1 003 7	plate 2-A3	HCl C11H15NO3	<chem>Cl[C@H](COCc1ccccc1)N(C(=O)OC)</chem>	245.70	210	>99	7	mg

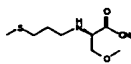
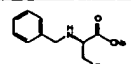
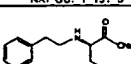
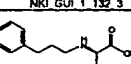
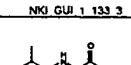
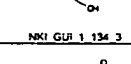
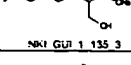
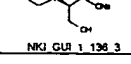
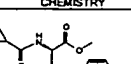
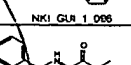
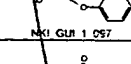
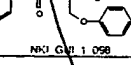
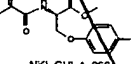
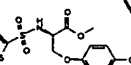
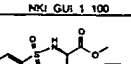
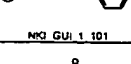
CHEMISTRY	Location	Formula	Smiles	MW (g/mol)	[M+H]	HPLC purity (%)	Mass	units
	plate 1-A1	C8H17NO5S	<chem>CC(C)C(=O)N(C)C(=O)OCCSCC(=O)O</chem>	239.29	240	98	3	mg
	plate 1-A2	C9H19NO5S2	<chem>CC(C)C(=O)N(C)C(=O)NS(C)C(=O)O</chem>	279.33	279	>99	3	mg
	plate 1-A3	C13H19NO3	<chem>CC(C)C(=O)N(C)C(=O)OCC(C)C(=O)O</chem>	237.30	238	>99	3	mg
	plate 1-A4	C14H21NO3	<chem>CC(C)C(=O)N(C)C(=O)OCC(C)C(=O)O</chem>	251.33	252	99	3	mg
	plate 1-A5	C9H19NO3	<chem>CC(C)C(=O)N(C)C(=O)OCC(C)C(=O)O</chem>	189.25	190	>99	3	mg
	plate 1-A6	C9H19NO5S	<chem>CC(C)C(=O)N(C)C(=O)OCCSCC(=O)O</chem>	221.32	222	97	3	mg
	plate 1-B1	C18H19NO5	<chem>CC(C)C(=O)N(C)C(=O)OCC(C)C(=O)O</chem>	329.35	330	>99	3	mg
	plate 1-B2	C18H19NO4	<chem>CC(C)C(=O)N(C)C(=O)OCC(C)C(=O)O</chem>	347.80	348	>99	3	mg
	plate 1-B3	C18H19NO4	<chem>CC(C)C(=O)N(C)C(=O)OCC(C)C(=O)O</chem>	300.31	301	>99	3	mg
	plate 1-B4	C13H19NO5S	<chem>CC(C)C(=O)N(C)C(=O)OCCSCC(=O)O</chem>	301.38	302	>99	3	mg
	plate 1-B5	C17H19F3NO5S	<chem>CC(C)C(=O)N(C)C(=O)OCCSCC(=O)O</chem>	403.37	402	>99	3	mg
	plate 1-B6	C17H19NO5S	<chem>CC(C)C(=O)N(C)C(=O)OCCSCC(=O)O</chem>	349.40	348	>99	3	mg
	plate 1-C1	C18H21NO3	<chem>CC(C)C(=O)N(C)C(=O)OCC(C)C(=O)O</chem>	298.37	300	>99	3	mg
	plate 1-C2	C19H23NO3	<chem>CC(C)C(=O)N(C)C(=O)OCC(C)C(=O)O</chem>	313.40	314	>99	3	mg
	plate 1-C3	C20H25NO3	<chem>CC(C)C(=O)N(C)C(=O)OCC(C)C(=O)O</chem>	327.42	328	>99	3	mg
	plate 1-C4	C13H19NO3	<chem>CC(C)C(=O)N(C)C(=O)OCC(C)C(=O)O</chem>	237.30	238	>99	3	mg
	plate 1-C5	C15H23NO3	<chem>CC(C)C(=O)N(C)C(=O)OCC(C)C(=O)O</chem>	265.35	266	>99	3	mg
	plate 1-C6	C19H23NO3S	<chem>CC(C)C(=O)N(C)C(=O)OCC(C)C(=O)O</chem>	297.42	298	>99	3	mg
	plate 1-D1	C15H19NO4	<chem>CC(C)C(=O)N(C)C(=O)OCC(C)C(=O)O</chem>	277.32	278	>99	3	mg

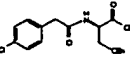
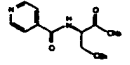
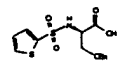
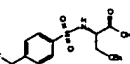
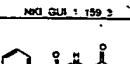
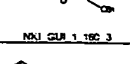
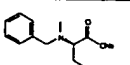
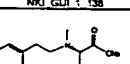
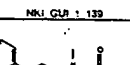
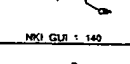
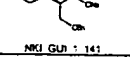
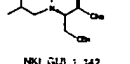
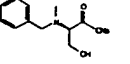
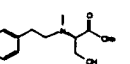
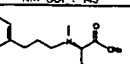
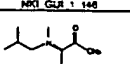
Chemical Structure	Chemical Name	Plate	Compound ID	Formula	Mass (g/mol)	Yield (%)	Purity (%)	Elemental Analysis (%)
	NKI GLI 1 044 3	plate 1-D2	C18H21NO5	$[C_{18}H_{21}N(COCc1ccccc1)(Cl=O)OC(=O)N(c1ccccc1)OC(=O)O]$	343.38	344	>90	3 mg
	NKI GLI 1 045 3	plate 1-D3	C18H20NO4	$[C_{18}H_{20}N(COCc1ccccc1)(Cl=O)OC(=O)N(c1ccccc1)OC(=O)O]$	341.82	342	>90	3 mg
	NKI GLI 1 046 3	plate 1-D4	C17H18NO4	$[C_{17}H_{18}N(COCc1ccccc1)(Cl=O)OC(=O)N(c1ccccc1)OC(=O)O]$	314.34	315	>90	3 mg
	NKI GLI 1 047 3	plate 1-D5	C15H17NO5S2	$[C_{15}H_{17}N(COCc1ccccc1)(Cl=O)OC(=O)NS(c1ccccc1)OC(=O)O]$	355.43	356	>90	3 mg
	NKI GLI 1 048 3	plate 1-D6	C18H18FNO5S	$[C_{18}H_{18}N(COCc1ccccc1)(Cl=O)OC(=O)NS(c1ccccc1)OC(=O)O]$	417.40	418*	>90	3 mg
	NKI GLI 1 049 3	plate 2-A1	C18H21NO5S	$[C_{18}H_{21}N(COCc1ccccc1)(Cl=O)OC(=O)NS(c1ccccc1)OC(=O)O]$	363.43	362*	>90	3 mg
	NKI GLI 1 050 3	plate 2-A2	C18H23NO3	$[C_{18}H_{23}N(COCc1ccccc1)(Cl=O)OC(=O)N(c1ccccc1)OC(=O)O]$	313.40	314	>90	3 mg
	NKI GLI 1 051 3	plate 2-A3	C20H25NO3	$[C_{20}H_{25}N(COCc1ccccc1)(Cl=O)OC(=O)N(c1ccccc1)OC(=O)O]$	327.42	328	>90	3 mg
	NKI GLI 1 052 3	plate 2-A4	C21H27NO3	$[C_{21}H_{27}N(COCc1ccccc1)(Cl=O)OC(=O)N(c1ccccc1)OC(=O)O]$	341.45	342	>90	3 mg
	NKI GLI 1 053 3	plate 2-A5	C14H21NO3	$[C_{14}H_{21}N(COCc1ccccc1)(Cl=O)OC(=O)N(c1ccccc1)OC(=O)O]$	251.33	252	82	3 mg
	NKI GLI 1 054 3	plate 2-A6	C18H25NO3	$[C_{18}H_{25}N(COCc1ccccc1)(Cl=O)OC(=O)N(c1ccccc1)OC(=O)O]$	279.38	280	>90	3 mg
	NKI GLI 1 055 3	plate 2-B1	C18H25NO3S	$[C_{18}H_{25}N(COCc1ccccc1)(Cl=O)OC(=O)N(c1ccccc1)OC(=O)O]$	311.44	312	>90	3 mg
	NKI GLI 1 056 3	plate 2-B2	C18H19FN2O4	$[C_{18}H_{19}FN(COCc1ccccc1)(Cl=O)OC(=O)N(c1ccccc1)OC(=O)O]$	348.36	347	>90	3 mg
	NKI GLI 1 057 3	plate 2-B3	C18H20FN2O4	$[C_{18}H_{20}FN(COCc1ccccc1)(Cl=O)OC(=O)N(c1ccccc1)OC(=O)O]$	328.37	329	>90	3 mg
	NKI GLI 1 058 3	plate 2-B4	C19H21FN2O4	$[C_{19}H_{21}FN(COCc1ccccc1)(Cl=O)OC(=O)N(c1ccccc1)OC(=O)O]$	360.38	361	>90	3 mg
	NKI GLI 1 059 3	plate 2-B5	C12H15FN2O4	$[C_{12}H_{15}FN(COCc1ccccc1)(Cl=O)OC(=O)N(c1ccccc1)OC(=O)O]$	270.29	271	>90	3 mg
	NKI GLI 1 060 3	plate 2-B6	C12H16FN2O4	$[C_{12}H_{16}FN(COCc1ccccc1)(Cl=O)OC(=O)N(c1ccccc1)OC(=O)O]$	252.27	253	>90	3 mg
	NKI GLI 1 061 3	plate 2-C1	C13H17FN2O4	$[C_{13}H_{17}FN(COCc1ccccc1)(Cl=O)OC(=O)N(c1ccccc1)OC(=O)O]$	284.29	285	>90	3 mg
	NKI GLI 1 062 3	plate 2-C2	C14H21NO5S	$[C_{14}H_{21}N(COCc1ccccc1)(Cl=O)OC(=O)NS(c1ccccc1)OC(=O)O]$	313.36	314*	>90	5 mg

\* MS of these compounds were run by negative mode. \* The purity of W at 4.5 on plate 1 was observed based on 31 NMR.

								
NK1 GUI 1 065 7	plate 3-A3	C14H21NO3	[C@H](COC)N(Cc1ccccc1)C(=O)OC	251.33	252	99	7	mg
								
NK1 GUI 1 066 7	plate 3-A4	C15H22NO3	[C@H](COC)N(Cc1ccccc1)C(=O)OC	265.35	266	99	7	mg
								
NK1 GUI 1 067 7	plate 3-A5	C10H21NO3S	[C@H](COC)N(Cc1ccccc1)C(=O)OC	235.35	236	97	7	mg
								
NK1 GUI 1 068 7	plate 3-A6	C13H18N2O4	[C@H](COC)C(=O)C(=O)N(C)C(=O)OC	266.30	267	>99	7	mg
								
NK1 GUI 1 069 7	plate 3-B1	C12H16N2O4	[C@H](COC)C(=O)C(=O)N(C)C(=O)OC	252.27	253	95	7	mg
								
NK1 GUI 1 070 7	plate 3-B2	C17H17FN2O4	[C@H](COC)C(=O)C(=O)N(C)C(=O)OC	332.33	333	>99	7	mg
								
NK1 GUI 1 071 7	plate 3-B3	C17H18N2O4	[C@H](COC)C(=O)C(=O)N(C)C(=O)OC	314.34	315	>99	7	mg
								
NK1 GUI 1 072 7	plate 3-B4	C18H19FN2O4	[C@H](COC)C(=O)C(=O)N(C)C(=O)OC	346.36	347	>99	7	mg
								
NK1 GUI 1 073 7	plate 3-B5	C17H19NO3	[C@H](COC)C(=O)C(=O)N(C)C(=O)OC	285.34	286	>99	7	mg
								
NK1 GUI 1 074 7	plate 3-B6	C18H21NO3	[C@H](COC)C(=O)C(=O)N(C)C(=O)OC	299.37	300	96	7	mg
								
NK1 GUI 1 075 7	plate 3-C1	C19H23NO3	[C@H](COC)C(=O)C(=O)N(C)C(=O)OC	313.40	314	>99	7	mg
								
NK1 GUI 1 076 7	plate 3-C2	C14H21NO3	[C@H](COC)C(=O)C(=O)N(C)C(=O)OC	251.33	252	>99	7	mg
								
NK1 GUI 1 077 7	plate 3-C3	C14H21NO3S	[C@H](COC)C(=O)C(=O)N(C)C(=O)OC	263.39	264	96	7	mg
								
NK1 GUI 1 078 7	plate 3-C4	C12H17NO3	[C@H](COC)C(=O)C(=O)N(C)C(=O)OC	223.27	224	95	7	mg
								
NK1 GUI 1 079 7	plate 3-C5	C18H21NO3	[C@H](COC)C(=O)C(=O)N(C)C(=O)OC	299.37	300	>99	7	mg
								
NK1 GUI 1 080 7	plate 3-C6	C18H23NO3	[C@H](COC)C(=O)C(=O)N(C)C(=O)OC	313.40	314	>99	7	mg
								
NK1 GUI 1 081 7	plate 3-D1	C22H25NO3	[C@H](COC)C(=O)C(=O)N(C)C(=O)OC	327.42	328	>99	7	mg
								
NK1 GUI 1 082 7	plate 3-D2	C15H23NO3	[C@H](COC)C(=O)C(=O)N(C)C(=O)OC	265.35	266	97	7	mg

								
NK1 GUI 1 081 3	plate 1-D1	C20H25NO3	[C@H](COc1ccc1)N(CCCc1ccc1)C(=O)OC	327.42	328	>99	3	mg
								
NK1 GUI 1 082 3	plate 1-D2	C15H23NO3	[C@H](COc1ccc1)N(CCC(C)C)C(=O)OC	265.35	266	97	3	mg
								
NK1 GUI 1 083 3	plate 1-D3	C15H23NO3S	[C@H](COc1ccc1)N(CCCSC)C(=O)OC	297.42	298	85	3	mg
								
NK1 GUI 1 084 3	plate 1-D4	C13H18N2O5	[C@H](COc1ccc1)OC(C)=O)OC(=O)NC	282.30	283	>99	3	mg
								
NK1 GUI 1 085 3	plate 1-D5	C18H19FN2O5	[C@H](COc1ccc1)OC(C)=O)OC(=O)NC(=O)Nc1ccc(F)cc1	362.36	363	>99	3	mg
								
NK1 GUI 1 086 3	plate 1-D6	C18H20N2O5	[C@H](COc1ccc1)OC(C)=O)OC(=O)NC(=O)Nc1ccc1	344.37	345	>99	3	mg
								
NK1 GUI 1 087 3	plate 2-A1	C18H21FN2O5	[C@H](COc1ccc1)OC(C)=O)OC(=O)NC(=O)Nc1ccc(F)cc1	378.38	377	>99	3	mg
								
NK1 GUI 1 088 3	plate 2-A2	C9H11NO3 HCl	[C@H](COc1ccc1)C(=O)O)N.Cl	217.65	182	91	3	mg
								
NK1 GUI 1 089 3	plate 2-A3	C11H15NO4 HCl	[C@H](COc1ccc1)C(=O)O)N.Cl	261.70	226	>99	3	mg
								
NK1 GUI 1 090 3	plate 2-A4	C10H13NO4 HCl	[C@H](COc1ccc1)C(=O)O)N.Cl	247.68	212	94	3	mg
								
NK1 GUI 1 091 3	plate 2-A5	C17H19NO3 HCl	[C@H](COc1ccc1)C(=O)O)Nc1ccc1.Cl	321.80	286	>99	3	mg
								
NK1 GUI 1 092 3	plate 2-A6	C18H21NO3 HCl	[C@H](COc1ccc1)N(CCCc1ccc1)C(=O)O)N.Cl	335.83	300	>99	3	mg
								
NK1 GUI 1 093 3	plate 2-B1	C18H22NNaO3	[C@H](COc1ccc1)N(CCCc1ccc1)C(=O)O)N[Na]	335.38	313	96	3	mg
								
NK1 GUI 1 094 3	plate 2-B2	C14H20NNaO3	[C@H](COc1ccc1)N(CCC(C)C)C(=O)O)N[Na]	273.31	251	96	3	mg
								
NK1 GUI 1 095 3	plate 2-B3	C14H20NNaO3S	[C@H](COc1ccc1)N(CCCSC)C(=O)O)N[Na]	305.37	284	94	3	mg
CHEMISTRY								
	Location	Formula	Smiles	MW (g/mol)	[M+H]	HPLC purity (%)	Mass	units
								
NK1 GUI 1 093 7	plate 3-A1	C10H13NO3 HCl	[C@H](COc1ccc1)C(=O)O)N.Cl	231.68	196	>99	7	mg
								
NK1 GUI 1 094 7	plate 3-A2	C13H18NO3	[C@H](COc1ccc1)C(=O)O)Nc1ccc1	237.30	238	>99	7	mg

	plate 2-B5	C8H16NNaO3S	[C@H](COXNCCCOC(=O)ONa)	229.27	206	95	3	mg
	plate 2-B6	C10H12NNaO3	[C@H](COX(C(=O)ONa)(NC(=O)OCCO)1	217.20	196	95	3	mg
	plate 2-C1	C11H14NNaO3	[C@H](COXNCCC(=O)OCCO)1C(=O)ONa	231.23	210	98	3	mg
	plate 2-C2	C12H16NNaO3	[C@H](COXNCCC(=O)OCCO)1C(=O)ONa	245.25	224	98	3	mg
	plate 2-C3	C7H14NNaO3	[C@H](COXNCCC(=O)OCCO)1C(=O)ONa	183.18	162	>99	3	mg
	plate 2-C4	C7H14NNaO3S	[C@H](COXNCCCOC(=O)ONa)	215.25	194	96	3	mg
	plate 2-C5	C5H10NNaO3	[C@H](COXNCCC(=O)ONa)	155.13	134	>99	3	mg
	plate 2-C6	C14H21NO6S	[C@H](COc1ccc(cc1)OCX(C(=O)ONa)NS(=O)(=O)C(C)C	331.39	330*	>99	3	mg
* MS of these compounds were run by negative mode								
CHEMISTRY	Location	Formula	Smiles	MW (g/mol)	[M+H]	HPLC purity (%)	Mass	mg
	plate 3-A1	C15H19NO5	[C@H](COc1ccc(cc1)OCX(C(=O)ONa)NC(=O)C1CC1	293.32	294	96	7	mg
	plate 3-A2	C19H21NO6	[C@H](COc1ccc(cc1)OCX(C(=O)ONa)NC(=O)C1CCOCC1	359.36	360	>99	7	mg
	plate 3-A3	C19H20NO5	[C@H](COc1ccc(cc1)OCX(C(=O)ONa)NC(=O)C1CCOCC1	377.82	378	>99	7	mg
	plate 3-A4	C17H18NO5	[C@H](COc1ccc(cc1)OCX(C(=O)ONa)NC(=O)C1CCOCC1	330.34	331	>99	7	mg
	plate 3-A5	C15H17NO6S2	[C@H](COc1ccc(cc1)OCX(C(=O)ONa)NS(=O)(=O)C1CCOCC1	371.43	370*	>99	7	mg
	plate 3-A6	C18H18FNO6S	[C@H](COc1ccc(cc1)OCX(C(=O)ONa)NS(=O)(=O)C1CCOCC1	433.40	432*	>99	7	mg
	plate 3-B1	C18H21NO6S	[C@H](COc1ccc(cc1)OCX(C(=O)ONa)NS(=O)(=O)C1CCOCC1	379.43	378*	>99	7	mg
	plate 3-B2	C18H21NO4	[C@H](COc1ccc(cc1)OCX(C(=O)ONa)NC(=O)C1CCOCC1	315.37	316	>99	7	mg

	plate 1-D1	C18H18ClNO4	[C@H](COC(=O)C(=O)O)C(=O)O[C@H](C(=O)O)O	347.80	348*	98	3	mg
	plate 1-D2	C18H18N2NaO4	[C@H](COC(=O)C(=O)O)C(=O)O[Na] [Na]C(=O)C(=O)O	322.30	301	92	3	mg
	plate 1-D3	C14H15NO5S2	[C@H](COC(=O)C(=O)O)C(=O)O[S](=O)(=O)C(=O)O	341.40	340*	>99	3	mg
	plate 1-D4	C17H16F3NO5S	[C@H](COC(=O)C(=O)O)C(=O)O[S](=O)(=O)C(=O)O(F)(F)F	403.37	402*	>99	3	mg
	plate 1-D5	C17H15NO5S	[C@H](COC(=O)C(=O)O)C(=O)O[S](=O)(=O)C(=O)O	349.40	348*	>99	3	mg
	plate 1-D6	C10H11N2NaO4	[C@H](COC(=O)C(=O)O)C(=O)O[Na] [Na]C(=O)C(=O)O	248.20	225	>99	3	mg
* MS of these compounds were run by negative mode. ** The purity of Well B5 on plate 1 was obtained based on <sup>1</sup> H NMR.								
	plate 2-A1	C18H22N4O3	[C@H](COC(=O)C(=O)O)C(=O)O[Na] [Na]C(=O)C(=O)O	321.35	300	99	49	mg
	plate 2-A2	C19H22N4O3	[C@H](COC(=O)C(=O)O)C(=O)O[Na] [Na]C(=O)C(=O)O	335.38	314	>99	19	mg
	plate 2-A3	C20H24N4O3	[C@H](COC(=O)C(=O)O)C(=O)O[Na] [Na]C(=O)C(=O)O	349.41	328	>99	53	mg
	plate 2-A4	C13H18N4O3	[C@H](COC(=O)C(=O)O)C(=O)O[Na] [Na]C(=O)C(=O)O	259.26	236*	>99	16	mg
	plate 2-A5	C15H22N4O3	[C@H](COC(=O)C(=O)O)C(=O)O[Na] [Na]C(=O)C(=O)O	287.33	266	>99	37	mg
	plate 2-B1	C11H14N4NaO3	[C@H](CO)C(=O)O[Na] [Na]C(=O)C(=O)O	231.23	210	90	33	mg
	plate 2-B2	C12H16N4NaO3	[C@H](CO)C(=O)O[Na] [Na]C(=O)C(=O)O	245.25	224	94	37	mg
	plate 2-B3	C13H18N4NaO3	[C@H](CO)C(=O)O[Na] [Na]C(=O)C(=O)O	259.26	238	98	20	mg
	plate 2-B4	C8H16N4NaO3	[C@H](CO)C(=O)O[Na] [Na]C(=O)C(=O)O	197.21	176	98	27	mg
	plate 2-B5	C8H16N4NaO3S	[C@H](CO)C(=O)O[Na] [Na]C(=O)C(=O)O	229.27	208	>99	22	mg



Chemical Structure	Chemical Name	Mass (m/z)	Yield (%)	Purity (%)	mp (°C)	lit. mp (°C)	lit. yield (%)	lit. purity (%)
	NK1 GL1 1 149	245.25	224	85	8	mg		
	NK1 GL1 1 150	259.28	238	>99	13	mg		
	NK1 GL1 1 151	273.31	252	>99	29	mg		
	NK1 GL1 1 152	243.30	222	80	27	mg		
	NK1 GL1 1 154	263.29	262*	85	44	mg		
	NK1 GL1 1 155	329.35	328*	85	58	mg		
	NK1 GL1 1 156	347.80	346*	85	43	mg		
	NK1 GL1 1 157	322.30	301	92	51	mg		
	NK1 GL1 1 158	341.40	340*	>99	52	mg		
	NK1 GL1 1 159	403.37	402*	>99	40	mg		
	NK1 GL1 1 160 3	349.40	348*	>99	20	mg		
	NK1 GL1 1 161	246.20	225	>99	32	mg		

\* MS of these compounds were run by negative mode. \*\* The purity of Well B5 on plate 2 was observed based on <sup>1</sup>H NMR.

CHEMISTRY	LOC380n	Formula	SMILES	NW (g/mol)	MW (g/mol)	HPLC purity (%)	Mass	mg
	plate 1-A-1	C17H18N4O3	CC1=NC(=C(C=C1)C(=O)O)C(=O)O	307.32	280	94	3	mg
	plate 1-A-2	C21H13NO2	CC1=NC(=C(C=C1)C(=O)O)C(=O)O	187.19	186	>99	3	mg
	plate 1-A-3	C12H14ClNO4	CC1=NC(=C(C=C1)C(=O)O)C(=O)O	271.70	270	>98	3	mg
	plate 1-A-4	C12H15NO5	CC1=NC(=C(C=C1)C(=O)O)C(=O)O	253.25	252	>98	3	mg
	plate 1-A-5	C13H17NO4	CC1=NC(=C(C=C1)C(=O)O)C(=O)O	248.27	246	98	3	mg
	plate 1-A-6	C17H17NO5	CC1=NC(=C(C=C1)C(=O)O)C(=O)O	315.32	314	89	3	mg
	plate 1-B-1	C17H16ClNO4	CC1=NC(=C(C=C1)C(=O)O)C(=O)O	333.77	332	92	3	mg
	plate 1-B-2	C14H17NO5	CC1=NC(=C(C=C1)C(=O)O)C(=O)O	279.23	276	98	3	mg
	plate 1-B-3	C18H18ClNO5	CC1=NC(=C(C=C1)C(=O)O)C(=O)O	365.80	362	91	3	mg
	plate 1-B-4	C18H19N2O5	CC1=NC(=C(C=C1)C(=O)O)C(=O)O	338.29	317	>95	3	mg
	plate 1-B-5	C21H11NO5S2	CC1=NC(=C(C=C1)C(=O)O)C(=O)O	265.31	264	99	3	mg
	plate 1-B-6	C11H12F3NO5S	CC1=NC(=C(C=C1)C(=O)O)C(=O)O	327.28	326	99	3	mg
	plate 1-C-1	C11H15NO5S	CC1=NC(=C(C=C1)C(=O)O)C(=O)O	273.31	272	93	3	mg
	plate 1-C-2	C12H17NO5S	CC1=NC(=C(C=C1)C(=O)O)C(=O)O	287.33	286	>90	3	mg
	plate 1-C-3	C13H13NO5S2	CC1=NC(=C(C=C1)C(=O)O)C(=O)O	327.38	326	86	3	mg
	plate 1-C-4	C18H14F3NO5S	CC1=NC(=C(C=C1)C(=O)O)C(=O)O	368.35	368	85	3	mg
	plate 1-C-5	C18H17NO5S	CC1=NC(=C(C=C1)C(=O)O)C(=O)O	335.38	334	91	3	mg

Chemical Structure	Sample ID	Chemical Formula	SMILES	Mass (m/z)	Retention Time (min)	Yield (%)	Purity (%)	Notes
	NK1 GU1 1: 171	C18H15N2Na O5	[C@H]1Cc2ccccc2N1C(=O)OCC(=O)Oc3ccc(OC)cc3	338.29	317**	>95**	7	mg
	NK1 GU1 1: 172	C8H11NO5S2	[C@H]1Cc2ccccc2N1C(=O)OCC(=O)Oc3ccc(OC)cc3	285.31	264	99	40	mg
	NK1 GU1 1: 173	C11H12F3NO5S	[C@H]1Cc2ccccc2N1C(=O)OCC(=O)Oc3ccc(OC)cc3	327.28	326	99	52	mg
	NK1 GU1 1: 174	C11H11NO5S	[C@H]1Cc2ccccc2N1C(=O)OCC(=O)Oc3ccc(OC)cc3	273.31	272	93	10	mg
	NK1 GU1 1: 175	C12H17NO5S	[C@H]1Cc2ccccc2N1C(=O)OCC(=O)Oc3ccc(OC)cc3	287.33	286	>99	2	mg
	NK1 GU1 1: 176	C13H13NO5S2	[C@H]1Cc2ccccc2N1C(=O)OCC(=O)Oc3ccc(OC)cc3	327.38	326	96	35	mg
	NK1 GU1 1: 177	C14H15NO6S2	[C@H]1Cc2ccccc2N1C(=O)OCC(=O)Oc3ccc(OC)cc3	357.40	356	96	39	mg
	NK1 GU1 1: 178	C17H16F3NO6S	[C@H]1Cc2ccccc2N1C(=O)OCC(=O)Oc3ccc(OC)cc3	419.37	418	95	36	mg
	NK1 GU1 1: 179	C17H16NO6S	[C@H]1Cc2ccccc2N1C(=O)OCC(=O)Oc3ccc(OC)cc3	365.40	364	96	20	mg
	NK1 GU1 1: 180	C18H19NO6	[C@H]1Cc2ccccc2N1C(=O)OCC(=O)Oc3ccc(OC)cc3	345.35	344	98	4	mg
	NK1 GU1 1: 181	C11H11FN2O3	N1[C@H](C(=O)OCC(=O)Oc2ccc(OC)cc2)N1	238.22	237	97	44	mg
	NK1 GU1 1: 182	C11H12N2O3	N1[C@H](C(=O)OCC(=O)Oc2ccc(OC)cc2)N1	220.23	219	>99	40	mg
	NK1 GU1 1: 183	C12H13FN2O3	N1[C@H](C(=O)OCC(=O)Oc2ccc(OC)cc2)N1	252.24	251	>99	13	mg

\* MS of these compounds were run by positive mode \*\* The purity of Well B4 on plate 2 was obtained based on <sup>1</sup>H NMR.